

AMENDMENTS TO THE CLAIMS

1. (currently amended) A method for producing fire protection glazing, comprising at least two flat substrates and one fire protection layer comprising at least one film or a film system having at least one intumescent layer, the fire protection layer disposed between the substrates, said method comprising the following steps:
 - applying several film sections of the fire protection layer onto a first substrate, whereby the film sections cover the entire surface of the substrate that is to be provided with the fire protection layer,
 - applying a second substrate onto the first substrate with the film sections, and
 - carrying out a laminating process at elevated pressure and elevated temperature, whereby the film sections are affixed by gluing onto the first and/or second substrate with glycerin or water or mixtures thereof as adhesive.
2. (previously presented) The method according to claim 1, wherein the fire protection glazing comprises more than two substrates.
3. (previously presented) The method according to claim 1, wherein the edges of the film sections abut each other and/or overlap slightly after being applied onto the first substrate.
4. (previously presented) The method according to claim 1, comprising laying the substrates and the film sections on top of each other in a desired layer structure in a laminator then evacuating the layer structure and charging the layer structure with atmospheric pressure under elevated temperature in order to create a pre-laminate.
5. (canceled)

6. (canceled)
7. (currently amended) The method according to claim ~~6~~ 1, comprising using water-soluble organic binder for the adhesion process.
8. (previously presented) The method according to claim 7, comprising using at least one of polyvinyl alcohols, cellulose derivatives, alcohols and polyalcohols for the adhesion process.
9. (currently amended) The method according to claim ~~6~~ 1, comprising using inorganic binders for the adhesion process.
10. (previously presented) The method according to claim 9, comprising using at least one of wetting agents having different moduli and degrees of dilution, silicic sols, and water for the adhesion process.
11. (canceled)
12. (currently amended) The method according to claim ~~11~~ 1, comprising using a mixture of glycerin and water as the adhesive mixing glycerin to water in a ratio in the order of magnitude of 85% glycerin to 15% water.
13. (previously presented) The method according to claim 1, comprising introducing additional functional layers between the first substrate and the second substrate.
14. (previously presented) The method according to claim 1, wherein the pressure during the laminating process is in the range of about 1 to about 10 bar.
15. (previously presented) The method according to claim 14, wherein the pressure during the laminating process is about 1 bar to about 2 bar.

16. (previously presented) The method according to claim 1, wherein the temperature during the laminating process lies within the thermoplastic range of the fire protection layer and below the foaming temperature of the fire protection layer.
17. (previously presented) The method according to claim 16, the temperature during the laminating process lies 10°C to 20°C [18°F to 36°F] below the foaming temperature of the fire protection layer.
18. (previously presented) The method according to claim 1, wherein the temperature during the laminating process is at least 70°C [158°F].
19. (previously presented) The method according to claim 1, wherein the temperature during the laminating process is at least 80°C [176°F].
20. (previously presented) The method according to claim 1, wherein the temperature during the laminating process is at a maximum 100°C [212°F].
21. (previously presented) The method according to claim 1, wherein the temperature during the laminating process is at a maximum 150°C [302°F].
22. (previously presented) The method according to claim 1, wherein the duration of the laminating process about three to about six hours.
23. (previously presented) The method according to claim 22, wherein the duration of the laminating process is four hours.
24. (previously presented) The method according to claim 23, wherein the laminating process comprises a heating phase of about one hour, a retention phase of about two hours, and a cooling phase of about one hour.

25. (previously presented) The method according to claim 1, wherein the dimensions of the substrate are about 3.21 meters in width and about 6.0 meters in length.